Australian Government

CPCCDE3016 Identify hazards on demolition sites and apply risk management strategies

Release: 1

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Modification History

Release 1   This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and is equivalent to CPCCDE3016A Identify hazards on demolition sites and apply risk management strategies.   Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to identify hazards common to demolition work, and undiscovered hazards that may arise during the course of work on demolition sites. It includes assessing risks and applying risk management strategies according to compliance and workplace requirements.

It supports the induction procedure for specialist demolition workers before beginning work on site.

This unit does not replace requirements for completion of construction work health and safety (WHS) units.

Completion of the general construction induction training program specified by the model code of practice for construction work is required for any person who is to carry out construction work. Achievement of unit CPCCWHS1001 *Prepare to work safely in the construction industry* meets this requirement.

Licensing, legislative, regulatory or certification requirements apply to demolition work in different states and territories. Candidates are advised to consult with the relevant regulatory authorities.

Pre-requisite Unit

CPCCWHS20 01   Apply WHS requirements, policies and procedures in the construction industry

Unit Sector

Demolition.

Elements and Performance Criteria

Elements describe the essential outcomes.		Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Review site and work plans.	1.1	Identify issues relating to the age and integrity of buildings and structures, and construction methods and materials used, and apply this to review potential risks.
	1.2	Review approved demolition plan and safe work method statements (SWMS) and apply information relating to hazards and risk management strategies to participation in job briefing according to work role requirements.
	1.3	Identify and clarify job roles and responsibilities for people involved in the demolition according to workplace procedures.
2 Apply WHS risk management strategies to work activities on demolition sites.	2.1	Identify and apply compliance, site and workplace requirements to work tasks and appropriate personal protective equipment (PPE).
	2.2	Identify hazards that may cause trips, falls or falling objects and apply risk management strategies.
	2.3	Identify hazards relating to hazardous substances and apply risk management strategies.
	2.4	Identify hazards relating to structural composition and integrity of structures and apply risk management strategies.
	2.5	Identify hazards relating to services and apply risk management strategies.
	2.6	Identify hazards relating to the use of mobile and static plant, tools and equipment and apply risk management strategies.
	2.7	Identify hazards relating to the use of high reach excavators and apply risk management strategies.
	2.8	Identify hazards relating to noise, dust and vibrations and apply risk management strategies.
	2.9	Identify hazards that may cause fire or explosions and apply risk management strategies.

		2.10	Monitor worksite during demolition process for signs of undiscovered hazards and apply risk management strategies.
		2.11	Report WHS hazards and incidents.
3	Apply public health and safety risk management strategies on demolition sites.	3.1	Identify site boundaries and exclusion zones and implement strategies to prevent access by unauthorised persons.
		3.2	Identify site traffic access and egress points and pedestrian and vehicle routes and apply traffic management plans.
		3.3	Identify demolition activities with potential to cause dust, noise and vibrations and apply risk management strategies.
		3.4	Identify demolition activities which may result in falling structures, flying debris or with the potential to affect structural integrity of adjoining buildings and apply risk management strategies.
		3.5	Report public health and safety hazards and incidents.
4	Apply environmental risk management strategies on demolition sites.	4.1	Identify and apply environmental compliance, site and workplace requirements to work tasks.
		4.2	Identify and apply strategies to maximise environmentally sound use of energy and water.
		4.3	Identify potential risks to air quality resulting from demolition work and apply risk management strategies.
		4.4	Identify potential risks associated with stormwater management and apply risk management strategies.
		4.5	Identify potential risks to groundwater and groundwater monitoring wells and apply risk management strategies.
		4.6	Identify potential risks to the environment resulting from removing and handling hazardous substances and waste materials and apply risk management strategies.
		4.7	Report environmental hazards and incidents.

| 5 | Contribute to improvement of demolition risk management strategies. | 5.1 | Review demolition methods, procedures and risk management strategies and discuss with team members to develop ideas for improvements in risk management. |
| | | 5.2 | Undertake industry professional development activities relating to demolition risk management as required. |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and is equivalent to CPCCDE3016A Identify hazards on demolition sites and apply risk management strategies.

Links

Companion volumes to this training package are available at the VETNet website - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad